

ABSTRACT

The invention relates to processes for the production of a buckling-resistant stove-finished structural member from cold rolled and dressed strip (cold strip) non-ageing steel with high bake-hardening potential, more particularly of more than 70 N/mm². The characterising feature of the invention is that the cold strip is converted by dressing into a yield point stretch-free state ($R_{eh}-R_{el} < 2 \text{ N/mm}^2$), then stored at a temperature below room temperature and further processed into the form of a structural member, whereafter the strip is finally stove finished.

For publication: No drawings